

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU03/01209

**A. CLASSIFICATION OF SUBJECT MATTER**

Int. Cl. <sup>7</sup>: C07K 16/30; A61K 39/395; A61P 35/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Databases: Medline, Chemical Abstracts, WPIDS, Biosis

Keywords: EphB4, HTK, antigen, epitope, antibody, cancer, tumour

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	BENNETT B. D. <i>et al.</i> , "Cloning and Characterization of HTK, a Novel Transmembrane Tyrosine Kinase of the EPH Subfamily", Journal of Biological Chemistry (1994), vol. 269, no. 19, pages 14211-14218 See whole document, especially page 14215, Figure 2 and Figure 5	1, 5, 6, 8, 12, 13, 15, 19, 20, 22, 26, 27
X, Y	TAKAI N. <i>et al.</i> , "Expression of receptor tyrosine kinase EphB4 and its ligand ephrin-B2 is associated with malignant potential in endometrial cancer", Oncology Reports (2001), vol. 8, no. 3, pages 567-573 See page 568, column 1	1, 5, 6, 8, 12, 13, 15, 19, 20, 22, 26, 27



Further documents are listed in the continuation of Box C




See patent family annex

<p>* Special categories of cited documents:</p>	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
2 October 2003

Date of mailing of the international search report  
23 OCT 2003

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## INTERNATIONAL SEARCH REPORT

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	STEPHENSON S.-A. <i>et al.</i> , "Receptor protein tyrosine kinase EphB4 is up-regulated in colon cancer", BMC Molecular Biology (2001), vol. 2, no. 1, article 15, pages 1-9 See whole document, especially page 3 and discussion on pages 5-7	1, 5, 6, 8, 12, 13, 15, 19, 20, 22, 26, 27
A	HALL S. M. <i>et al.</i> , "Origin, Differentiation, and Maturation of Human Pulmonary Veins", American Journal of Respiratory Cell and Molecular Biology (2002), vol. 26, no. 3, pages 333-340 See Table I	
A	WO 02/26827 A1 (NOVARTIS AG), 4 April 2002 See Claim 1 and page 4, paragraph 5	
A	LIU W. <i>et al.</i> , "Coexpression of Ephrin-Bs and their Receptors in Colon Carcinoma", Cancer (2002), vol. 94, no. 4, pages 934-939 See page 936, column 1, paragraph 2	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01209

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
WO 02/26827	AU 12292/02
END OF ANNEX	